AMENDMENTS TO THE SPECIFICATION:

Before the first paragraph starting at page 1, line 2, please insert the following headings:

- BACKGROUND OF THE INVENTION

Field of the Invention - -

Before the paragraph starting at page 1, line 4, please insert the following heading:

- - Description of the Related Art - -

Before the paragraph starting at page 3, line 9, please insert the following heading:

- - SUMMARY OF THE INVENTION - -

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Before the paragraph starting at page 4, line 15, please insert the following heading:

- - BRIEF DESCRIPTION OF THE DRAWING FIGURES - -

Before the paragraph starting at page 5, line 3, please insert the following heading:

- - DETAILED DESCRIPTION OF THE INVENTION - -

Change(s) applied Please amend the paragraph starting at page 6, line $\int_{1}^{2} to document$, as follows:

According to the invention, it is proposed to dispose between the sensor 6 and that part of the inner face of the body arranged plumb with the zone of detection 9, a foam element 14 of so-called electrostatic type, i.e. a conductive foam whose resistivity is at least equal to less than $5M\Omega$.cm. It has been observed that such an arrangement made it possible to avoid the